

IN THE SPECIFICATION:

*Please replace the title of the application, as set forth at page 1 line 1 of the Specification, with the following new title:*

Switch Device Incorporating Capacitive Oscillator

*Please amend the paragraph at page 3 line 21 through page 4 line 2 as follows:*

To reduce the effect of frequency shifting in the switch oscillator due to manufacture, or an increase or decrease in temperature, the frequency from the oscillator is continually recalculated at a fixed period by the micro controller. The software within the micro-controller also preferably automatically detects the frequency of the mains supply to which it is connected. via an AC ~~Zero~~ zero detector circuit which allows the switch to be connected to mains supplies with differing frequencies. The software alters the firing signal to an AC trigger circuit based on the mains frequency calculated and therefore can automatically provide the correct firing pulses for the trigger circuit no matter what AC mains frequency is being generated.

*Please amend the paragraph at page 8 lines 5-7 as follows:*

The switch part 14 comprises a mains zero crossing circuit 24 which sends a signal 26 to the micro processor 20 when the zero crossing of the AC mains 21 is detected, and a semiconductor power switch 28.

*Please amend the paragraph at page 10 lines 5-7 as follows:*

A feedback ~~circuit~~ path 48 is connected to a voltage generation circuit 22. which provides sufficient power to operate the circuit in the sensor part 12 and switch part 14 while the contactless switch is switched on or off.

*Please amend the paragraph at page 10 lines 22-24 as follows:*

The feedback ~~circuit~~ path 48 is connected, for example via a capacitor (not shown), to the sensor part 12 and provides sufficient power to operate circuitry in the sensor part 12.

*Please amend the paragraph at page 11 lines 21-25 as follows:*

With the inclusion of software-controlled micro circuitry further control functions are incorporated. For example, when the external circuit is a light circuit, a tungsten lamp life extender, auto or resettable lamp brightness control, auto lamp turn off after pre-set time expires, random light turn on/off, or slow fadeout control for ~~childrens~~ children's bedrooms ~~function are~~ functions can be incorporated.

*Please amend the paragraph at page 12 line 25 through page 13 line 2 as follows:*

A comfort lamp function provides a progressive dimming ~~overtime~~ over time to a warm comfort lamp level. The function is set from switching the lamp on by maintaining the hand over the face plate until one delayed step in lamp level occurs then removing the hand. Over approximately a five hour period, which can be altered if desired, the lamp will dim down to a pre-set brightness level to allow just a warm comfort lamp to remain on.